

access device compatible control signals generated by a control unit in response to direct operator input and supplied to the cellular transceiver over a line directly connected to the control unit and the cellular transceiver, comprising;

- a) receiving means for receiving instructions from the portable computer,
- b) processing means connected with said receiving means for interpreting the instructions received from the portable computer and for generating cellular transceiver control signals in response to said portable computer generated instructions,
- c) transmitting means connected with said processing means for receiving said cellular transceiver control signals, generating access device compatible signals from said control signals, and for transmitting said access device compatible signals to the line through a connection between the transmitting means and the line to cause the cellular transceiver to place a cellular telephone network call.

39. The device of claim 38 wherein the receiving means for receiving instructions from the portable computer comprises a serial data interface.

40. The device of claim 38 wherein the transmitting means comprises an eight-bit parallel input/output cellular interface.

41. The data transmission interface device of claim 38 wherein said receiving means further comprises data transfer means for transferring digital data between the portable computer and the cellular transceiver for transmission over the cellular transceiver to a remote station.

42. The data transmission interface device of claim 41 further comprising modem means operably connected to the data transfer means and the cellular transceiver for modulating data signals received from the portable computer for transmission over the cellular transceiver to the remote station and for demodulating data signals received from the radio telephone network access device for transmission to the computer means.